



KTC-222GY

50-0388A-002

KTC-222TN

50-0388A-014

FORD EXCURSION

Overhead Console for use with Mobile Overhead Monitor

*INSTALLATION MANUAL*



These instructions are intended for use only by experienced professionals in the automotive customizing business. Special tools and equipment, as well as specialized handling and care of product during installation, may be required. Before beginning this installation, carefully read through the following instructions. **Use extreme care when cutting headliner material.** Check for wiring or other componentry above headliner material. Cut only where indicated.

Materials / Tools required for this installation:

- |  |  |
|--|--|
| 1. Phillips screwdriver                | 2. Powered screwdriver or drill with adapter |
| 3. Awl or scribe point tool or similar | 4. Razor knife or similar tool               |
| 5. 18 GA wire 4'                       | 6. 1/8" Drill Bit                            |
| 7. Rubbing alcohol                     | 8. ALPINE TMX-R680A Mobile Overhead Monitor  |

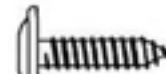
# MATERIALS PROVIDED FOR INSTALLATION:

ITEM	Description	QTY
1	SCREW, # 6 x 3/8" PPH	7
2	SCREW, #8 X 9/16" PWH	3
3	SCREW, #8 X 1" PWH	1
4	SCREW, 8-32 X 1 1/2" PPH	4
5	CONVOLUTED TUBE, 1/2" I.D. X 3"	1
6	VELCRO TAPE, 1" X 6"	1
7	TEMPLATE	1
8	REAR MOUNTING BRACKET	1
9	FRONT MOUNTING BRACKET	1
10	A/C BLOCK-OFF COVER	1
11	CONSOLE	1
12	SWITCH, SPDT	1

1



2



3



4



6

5



12

11



8



9

10



7



## I. REMOVAL OF O.E.M. EQUIPMENT



PHOTO 1

headliner

by rotating outer ring on louver 90 degrees then pulling downward.

1. Remove and retain rear A/C control assembly.

Assembly

housing is secured with (2) two spring clips on front of housing. Pull down to disengage, then slide forward to clear bracket. See Photo 1. Disconnect wiring and set assembly in a safe place for re-use later.

2. Remove and discard center and rear A/C vent in

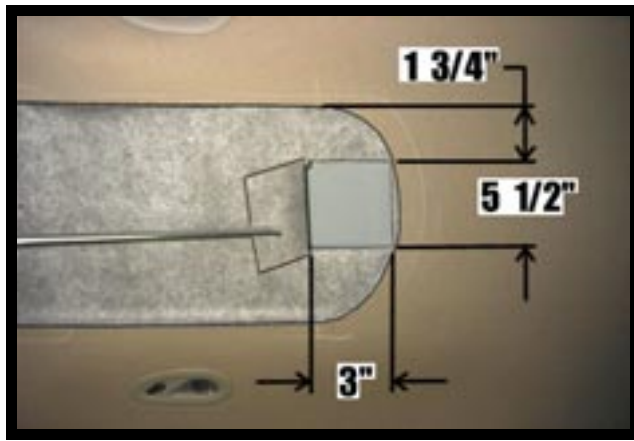
## II. PREPARATION OF VEHICLE INTERIOR



PHOTO 2

3. Using a razor knife, carefully trim headliner as shown, this will allow clearance for mounting bracket and A/C block off cover. See Photo 2. Locate template (item 7 pg2) between dome lights and rear edge of O.E. console.

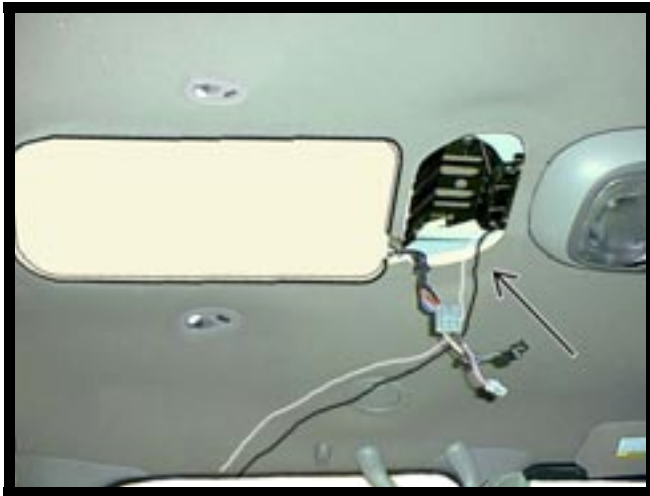
Make sure that arrow is pointing forward. Carefully cut and remove indicated headliner. See Photo2.



**PHOTO 4**

4. Trim insulation at rear of opening as shown in

Photo 3. Leave front side of insulation attached.



5. Use rubbing alcohol to clean sheet metal in area previously cut. Use a clean cloth to dry surface. Insert

rear mounting bracket (item 8 pg 2) into opening and position tab 24 1/8" from rear edge of O.E. cut out. Make sure bracket is centered between roof ribs and firmly press against roof. See Photo 4. Position insulation between roof and bracket flange.

6. Remove and retain (1) one O.E. screw in front pocket of O.E. overhead console. Pull down on console to gain access to dome light wiring.

7. Construct a 2ft. jumper harness that will connect the vehicle's dome light wires to the lights in LCD monitor housing. Refer to wiring/connections section

**PHOTO 3**

of the TMX-680A owner's manual for details.

8. Route dome light wire under brace on console and connect O.E. connector to the O.E. dome light. Route jumper harness through pod opening on console. See Photo 5.
9. Using a test light, test function of lights.
10. Install O.E. console in original manner.

#### PHOTO 7

11. Install and route all video and audio cables, and any other added component requirements to their respective places in the vehicle. Refer to component installation instructions for wiring diagrams. The suggested routing of the video system cable is as follows: Above the headliner from video system to C-pillar. Down the C-pillar to the floor. Route the power lead to an accessory controlled source. Connect the ground lead to the vehicle chassis. Route the remaining wiring to the VCP location. See Photo 6. Connect per instructions included with the video system.

12. Install block-off cover (item 10 pg 2) and secure using  
(1) one # 8 x 9/16" screw (item 2 pg 2) at rear area  
and (1) one # 8 x 1 " Screw (item 3 pg 2) at front  
area. **Do not overtighten screws.** See Photo 7.

#### PHOTO 5

13. Detach A/C wire harness from brace to allow connectors to reach the new A/C control location. See Photo 8.
14. Install mounting bracket (item 9 pg 2 ) by inserting tabs into slots in O.E. bracket and securing front of bracket using (2) two # 8 x 9/16" screws (item 2 pg 2) See Photo 8.
15. Install convoluted tube (item 5 pg 2) around wire harness to prevent chaffing against bracket. See Photo 10.



PHOTO 6





### III. PREPARATION OF CONSOLE

16. Remove A/C control from rear bezel assembly previously removed in step 1. Modify A/C control by drilling (3) three 1/8" dia. holes in front mounting tabs. See Photo 9.
17. Place A/C control in opening in console (item 11 pg 2). Make sure control is centered and secure using (5) five # 6 X 3/8" screws (item 1 pg 2). See Photo 9.

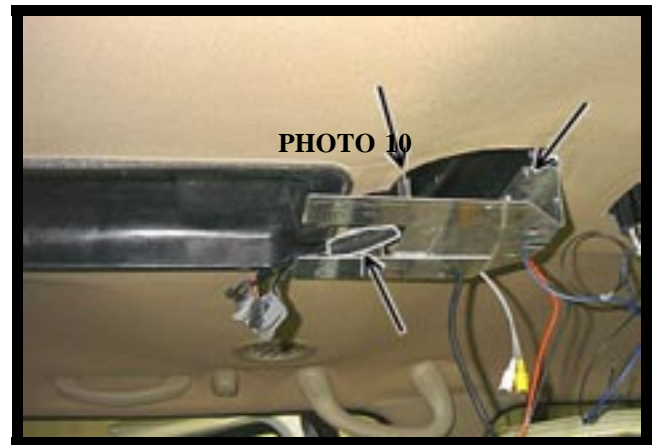
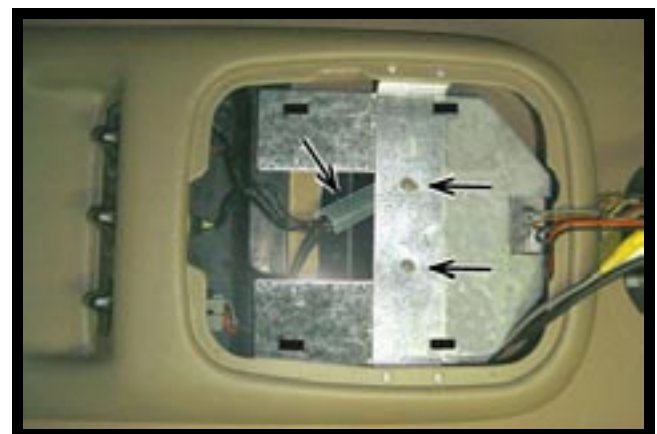


PHOTO 8

### IV. INSTALLATION OF CONSOLE

**Caution: Use extra support for the console until secured to the vehicle. Failure to do so may cause damage to console or installed components.**



18. Install dome light switch (item 12 pg 2) into opening on front of console (item 11 pg 2). Raise console into

approximate position and connect A/C control wires.

Insert bracket on rear of console into rear mounting bracket (item 8 pg 2) and slide rearward. Position console against headliner. Make sure console alignment is straight and matches contours in headliner, then secure console using (2) two # 6 x 3/8" screws (item 1 pg. 2) through the slots in bracket on console into holes on front mounting bracket. See Photo 10.

19. Release LCD monitor panel from locked position. Lower to viewing position for access to mounting location in top of housing.
20. Raise monitor housing into approximate position and connect all wiring to components. Connect wiring and cabling per instructions included with LCD monitor.
21. Check function of all component and lights. See operating instructions for video operations check. For further assistance, refer to the TMX-R680A owner's manual for the technical support phone number listed for your area.



PHOTO 11

23. Raise LCD monitor panel into locked position.

24. Cut Velcro tape (item 6 pg 2) into 2" pieces. Remove protective backing from tape and apply to remote controls. Position them against the console door and press firmly on remote while holding the door.
25. Raise remote control door into locked position.

22. Insert monitor housing into opening in console.  
**Note : Make sure wires do not get pinched between housing and console.** Align holes in housing with clips in mounting bracket. Secure using (4) four 8-32x 1 1/4" screws (item 4 pg.2). See Photo 11.  
**Caution : Do not overtighten screws.**



PHOTO 12